

## INTERFRAME ADAPTIVE VECTOR QUANTIZATION ENCODING APPARATUS AND VIDEO ENCODING TRANSMISSION APPARATUS

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### Abstract of **CA1327074**

Abstract The present invention relates to a video encoding transmission apparatus. The apparatus is comprised of a video encoding circuit for inputting video signal and performing an A/D conversion of the signal and then applying an efficient video encoding processing per frame to digital video data taken per every other frame. The apparatus further includes a transmission buffer which is comprised of a double buffer to enable simultaneous read/write, for storing one video frame of variable length encoding data with the information generating amount as the video encoding circuit output is not constant and then outputting the encoded data at a constant speed by using speed smoothing. A transmission control member is provided at the transmission side for performing the transmission framing to enable discrimination per one frame unit to the encoding data transmitted from the transmission buffer. The member also transmits the encoded data from the transmission buffer to the digital transmission path at a constant speed.

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Legal status (INPADOC) of **CA1327074**

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